

IN THE CLAIMS:

1. (currently amended) A mobile communication point for use in a mobile radio network comprising a plurality of communication points, each capable of communicating with other communication points, the communication point comprising

a transmitter/receiver for sending signals to and receiving signals from the other communication points, the communication point comprising a transmitter/receiver for sending signals to and receiving signals from the other communication points, ~~at least one of the communication points including~~; and

means to switch ~~that~~ the communication point between a high power mode ~~in which it is able to~~ for transmitting or receive receiving signals and a low power mode ~~in which it spends most of its time in~~ defined as a sleep state wherein ~~it~~ the communication point is unable to transmit or receive signals ~~and a small part of its time able to transmit or receive signals, the communication point being controlled to come out of sleep state periodically and broadcast a packet of data containing its unique identity, each communication point of the plurality of communication points broadcasting its unique identity during random time intervals.~~

2. cancelled

3. (currently amended) A mobile communication point according to claim 2 in which the communication point waits for a short period after broadcast of its unique identity to detect whether any other communication point is attempting to transmit back to ~~it~~ the communication point before returning to the sleep state.

4. (currently amended) A mobile communication point according to claim 3 in which the communication point remains able to transmit or receive signals for a longer period if ~~it~~ the communication point receives a response addressed to ~~it~~ said communication point during the receive period.

5. (previously amended) A mobile communication point according to claim 1 in which the communication point includes means responsive to an external input to cause the switching means to switch the communication point from low power mode to high power mode.

6. (original) A mobile communication point according to claim 5 in which the means responsive to an external input comprises a low power RF detection circuit responsive to a radio transmission.

7. (original) A mobile communication point according to claim 5 in which the means responsive to an external input comprises an ultrasonic detector.

8. (original) A mobile communication point according to claim 5 in which the means responsive to an external input comprises an infrared detector.

9. (original) A mobile communication point according to claim 5 in which the means responsive to an external input comprises a manual input.

10. (currently amended) A mobile communication point according to claim 1 further comprising a

data storage means for storing data identifying the communication point and storing data identifying other communication points which have been interacted with recently, and wherein the communication point determines whether data about a second communication point is stored in its data storage means upon receipt of a transmission from the second communication point.

11. (currently amended) A mobile communication point according to claim 10 in which the communication point is responsive to a transmission from a second communication point to send interrogation signals to the second communication point.

12. (currently amended) A mobile communication point according to claim 10 in which the communication point can remain active at all times.

13. (currently amended) A mobile communication point according to claim 10 in which the first communication point is responsive to a request from a second communication point to transmit data about a third communication point from its storage means to the second communication point.

14. (currently amended) A mobile radio network comprising a plurality of communication points each capable of communicating with any other communication point, each communication point comprising

a transmitter/receiver for sending signals to and receiving signals from other communication points, and ~~in which at least one communication includes~~

~~means to switch the communication point between a high power mode in which it is able to receive for receiving or transmitting signals and a low power mode and in which it spends most of its time in defined as a sleep mode wherein it the communication point is unable to transmit or receive signals and a small part of its time able to transmit or receive signals, the communication point being controlled to come out of the sleep mode periodically and broadcast a packet of data containing its unique identity, each communication point of the plurality of communication points broadcasting its unique identity during random time intervals.~~

15. - 24. cancelled